

Continuous method for producing polypropylene mixtures of increased stress-crack resistance and melt strength

Patent Number: **US5883151**
Publication date: 1999-03-16
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Requested Patent: CA2198651
Application Number: US19970808149 19970228
Priority Number (s): DE19961007480 19960228
IPC Classification: C08J3/28
EC Classification: C08J3/20H, C08J3/28
Equivalents: **DE19607480, EP0792905, A3, JP9328583**

Abstract

Polypropylene mixtures of increased stress-crack resistance and melt strength can be produced by irradiating polypropylene powders with low average particle diameters by low energy electron-beam accelerators with energies of 150 to 300 keV. The polypropylene mixtures produced are suitable particularly for producing films, sheets, panels, coatings, pipes, hollow objects and foamed materials.

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